

Theory

CQM	[16]	0.69
LFQM	[17]	0.66 ± 0.01
CCQM	[18,19]	0.63 ± 0.09
RQM	[20]	0.64
LCSR ₁	[21]	0.65 ± 0.11
LCSR ₂	[22]	0.67 ± 0.19
LCSR ₃		$0.635^{+0.057}_{-0.060}$
LQCD ₁	[24]	$0.640 \pm 0.030 \pm 0.060$
LQCD ₂	[25]	$0.666 \pm 0.020 \pm 0.021$
LQCD ₃	[26]	0.612 ± 0.035
LQCD ₄	[27]	0.630 ± 0.0051

Experiment

CLEO-c	[28]	$0.666 \pm 0.019 \pm 0.004$
CLEO-c	[29]	$0.629 \pm 0.022 \pm 0.007$
Belle	[30]	$0.624 \pm 0.020 \pm 0.003$
BESII	[54]	$0.730 \pm 0.140 \pm 0.060$
BESIII	[31]	$0.637 \pm 0.008 \pm 0.004$
BESIII	[32]	$0.622 \pm 0.012 \pm 0.003$

This work $0.6339 \pm 0.0024 \pm 0.0014$

0.4

0.6

0.8

$f_+^{D \rightarrow \pi}(0)$